

# Gijo Jose

## List of Publications by Year in descending order

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23  
papers

359  
citations

687363  
13  
h-index

794594  
19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	An ultra-low hydrolysis sol-gel route for titanasilicate xerogels and their characterization. Journal of Sol-Gel Science and Technology, 2007, 41, 163-168.	2.4	51
2	Spectroscopic studies of Cu <sup>2+</sup> ions in sol-gel derived silica matrix. Bulletin of Materials Science, 2002, 25, 69-74.	1.7	32
3	Growth and spectroscopic properties of samarium oxalate single crystals. Journal of Crystal Growth, 2014, 404, 20-25.	1.5	31
4	Structural and optical characterization of Eu <sup>3+</sup> /CdSe nanocrystal containing silica glass. Materials Chemistry and Physics, 2006, 96, 381-387.	4.0	28
5	Energy transfer in Rh 6G:Rh B system in PMMA matrix under cw laser excitation. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 153, 145-151.	3.9	27
6	Optical Characterization of Eu <sup>3+</sup> ions in CdSe Nanocrystal Containing Silica Glass. Journal of Fluorescence, 2004, 14, 733-738.	2.5	26
7	Application of a modified Judd-Ofelt theory to Pr <sup>3+</sup> doped phosphate glasses and the evaluation of radiative properties. Journal of Non-Crystalline Solids, 2003, 319, 89-94.	3.1	25
8	Fluorescence enhancement from Eu <sup>3+</sup> ions in CdSe nanocrystal containing silica matrix hosts. Materials Letters, 2003, 57, 1051-1055.	2.6	21
9	Relaxation kinetics of Sm: Ce-doped CaS phosphors. Journal of Luminescence, 2007, 127, 583-588.	3.1	16
10	Growth and characterization of Sm <sup>3+</sup> doped cerium oxalate single crystals. Journal of Materials Research and Technology, 2016, 5, 268-274.	5.8	15
11	Structural and optical characterization of CdSe nanocrystallites/rare earth ions in sol-gel glasses. Optical Materials, 2007, 29, 1495-1500.	3.6	14
12	Energy transfer studies of Ce:Eu system in phosphate glasses. Journal of Non-Crystalline Solids, 2010, 356, 93-97.	3.1	14
13	Molybdenum Disulphide Nanoparticles Synthesis Using a Low Temperature Hydrothermal Method and Characterization. IOP Conference Series: Materials Science and Engineering, 2018, 360, 012015.	0.6	13
14	Radiative parameters of Eu <sup>3+</sup> ions in CdSe nanocrystal containing silica matrices. Physica B: Condensed Matter, 2005, 357, 270-276.	2.7	11
15	Metal insulator transition driven by hydrated water of tungsten trioxide. Journal of Alloys and Compounds, 2019, 779, 15-21.	5.5	8
16	Spectroscopic characterization of chromium in sol-gel derived silica. Materials Chemistry and Physics, 2003, 77, 826-830.	4.0	6
17	Electrochemical characterization of orthorhombic tungsten trioxide hydrate for battery applications. Journal of Alloys and Compounds, 2021, 869, 159234.	5.5	6
18	Structural Evolution and Fluorescence Properties of Dy <sup>3+</sup> : Silica Matrix. Journal of Sol-Gel Science and Technology, 2005, 33, 269-274.	2.4	5

#	ARTICLE	IF	CITATIONS
19	Effect of Structural Water on the Dielectric Properties of Hydrated Tungsten Trioxide. Journal of Electronic Materials, 2020, 49, 2556-2567.	2.2	5
20	Upconversion fluorescence in Sm <sup>3+</sup> -doped zinc phosphate glassy matrix. Journal of Modern Optics, 2005, 52, 2687-2694.	1.3	3
21	Rietveld refinement and experimental determination of optical and electrical properties of K <sup>+</sup> stabilized $\hat{I}\pm$ -MnO <sub>2</sub> nanostructures. IOP Conference Series: Materials Science and Engineering, 2018, 360, 012013.	0.6	2
22	Structural evolution and fluorescence properties of Dy <sup>3+</sup> : silica matrix. , 2002, 4905, 560.		0
23	Structural changes and band gap tailoring on $\hat{I}\pm$ -MoO <sub>3</sub> by exfoliation techniques. Materials Today: Proceedings, 2022, , .	1.8	0